GOVERNMENT OF INDIA
NON-CONVENTIONAL ENERGY SOURCES
LOK SABHA

UNSTARRED QUESTION NO:4851
ANSWERED ON:24.04.2003
WATER TO FARMERS BY NCES
GANGASANDRA SIDDAPPA BASAVARAJ

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether there is any project under way to provide water to farmers for cultivation under any method of non-conventional energy/solar system;

(b) if so, the details thereof;

(c) whether there is any proposal to provide water to villages under solar energy system; and

(d) if so, the details thereof?

Answer

MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN)

(a): Yes Sir. The Ministry of Non-Conventional Energy Sources is implementing schemes concerning deployment of solar photovoltaic water pumping systems and water pumping wind mills for providing water to farmers for cultivation purposes and also for certain other uses.

(b): Details of the financial assistance provided by the Ministry under these schemes are given in the Annexure. A total of 5,591 solar photovoltaic water pumping systems and 888 water pumping wind mills have been deployed so far in different parts of the country for agriculture and other applications under the Ministry`s Programmes.

(c): Under the Ministry`s scheme on solar PV water pumping systems, there is a provision for providing financial support for installation of systems for community drinking water supply, provided the balance funds are arranged by the state Government or user agency and necessary arrangements for storage and distribution of water are also organized by the concerned agency.

(d): The details of the financial support provided by the Ministry for the deployment of SPV water pumping systems for community drinking water supply projects are given in the Annexure.

Annexure

Annexure referred to in reply to Parts (b) & (d) of the Lok Sabha Unstarred Question No. 4851 for 24.4.2003 regarding Water to farmers by NCES

I. SPV water pumping systems

S. No.	Implementation Arrangement	Central Financial Assistance	Loan
1.	Direct marketing by manufacturers/ suppliers / intermediaries empanelled with IREDA system.	Rs. 110 per watt of photovoltaic (PV) array used, subject to a maximum of Rs. 2.50 lakhs per users respectively on 90% of the remaining unsubsidized price, to be repaid in 10 years, with one year moratorium.	Soft loan @ 2.5% and 5% interest rate is provided by IREDA to intermediaries and
2.	Direct procurement by States subject to a maximum of Rs. 2.50 lakhs per system	Rs. 135 per watt of PV array used,	Not eligible to avail loan from IREDA
3.	Direct procurement by state	90 % of approved ex-works cost	

agencies in NE States of system

4. Community drinking water supply Rs. 110 per watt of PV array used, subject to a maximum of Rs. 2.50 lakhs per system

II. Water pumping windmills

S.No.	Type of water pumping windmill	Central Financial Assistance
1.	Direct drive – Modified 12 PU 500 type	50% of ex-works cost of windmill subject to Rs. 20,000/- per windmill
2.	Direct drive – Auroville AV 55 type	50% of ex-works cost of windmill subject to Rs. 45,000/- per windmill
3.	Geared type	50% of ex-works cost of windmill subject to Rs. 30,000/- per windmill